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July 30, 2003

ATTORNEY DOCKET NO. 05823.0249  
CUSTOMER NO. 22,852



**Mail Stop Patent Application**

**Commissioner for Patents**  
**P.O. Box 1450**  
**Alexandria, VA 22313-1450**

New U.S. Patent Application  
Title: SYNTHESIS OF ZnO NANO-STRUCTURED MATERIALS AND  
ITS APPARATUS  
Inventors: Jae-Hwan PARK, Heon-Jin CHOI, and Jae-Gwan PARK

Sir:

We enclose the following papers for filing in the United States Patent and Trademark Office in connection with the above patent application.

1. Application- 16 pages, including 2 independent claims and 17 claims total.
2. Drawings- 3 sheets of drawings containing 5 figures. (Figures 1-5).
3. Declaration and Power of Attorney.
4. Recordation Form Cover Sheet and Assignment to KOREA INSTITUTE OF SCIENCE AND TECHNOLOGY.
5. Information Disclosure Statement and Information Disclosure Citation, PTO 1449 with 3 documents attached.
6. The filing fee is calculated as follows:

Basic Application Filing Fee					\$750	\$ 750.00
	Number of Claims		Basic	Extra Claims		
Total Claims	17	-	20		x \$18	
Independent Claims	2	-	3		x \$84	
<input checked="" type="checkbox"/> Presentation of Multiple Dep. Claim(s)					+\$280	\$ 280.00
Subtotal						\$ 1030.00
Reduction by 1/2 if small entity						- 515.00
TOTAL APPLICATION FILING FEE						\$ 515.00

7. A check for \$555.00 is enclosed. The fee includes:

\$515.00 filing fee; and  
\$40.00 Assignment recordation fee.

Applicants claim small entity status. The fees indicated above are reduced by 1/2.

Applicants claim the right to priority based on Korean Application No. 2003-49836, filed July 21, 2003.

Please address all correspondence with respect to this application to:

Finnegan, Henderson, Farabow,  
Garrett & Dunner, L.L.P.  
1300 I Street, N.W.  
Washington, D.C. 20005-3315

Please accord this application an application number and filing date and record and return the Assignment to the undersigned.

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FINNEGAN  
HENDERSON  
FARABOW  
GARRETT &  
DUNNER <sup>LLP</sup>

The Commissioner is hereby authorized to charge any additional filing fees due and any other fees due under 37 C.F.R. § 1.16 or §1.17 during the pendency of this application to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,  
GARRETT & DUNNER, L.L.P.

By:



Ernest F. Chapman  
Reg. No. 25,961

EFC/FPD/gah  
Enclosures